

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 12, 2004, 15:58:15 / Search time 47 Seconds
(without alignments)
1969.237 Million cell updates/sec

Title: US-09-939-226b-5

Perfect score: 1841
1 MDYQVSSPIYDINVTSEPC.....ERASSVYTRSTGEQISVGL 352

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1073127 seqs, 262937947 residues

Total number of hits satisfying chosen parameters: 1073127

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

Published Applications AA:*
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18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1841	100.0	352	9	US-09-759-841-2
2	1841	100.0	352	9	US-09-813-653-15
3	1841	100.0	352	9	US-09-796-202-1
4	1841	100.0	352	9	US-09-938-719-5
5	1841	100.0	352	9	US-09-939-426-5
6	1841	100.0	352	9	US-09-938-703-5
7	1841	100.0	352	10	US-09-734-221A-14
8	1841	100.0	352	13	US-10-106-623-2
9	1841	100.0	352	14	US-10-086-814-1
10	1841	100.0	352	14	US-10-290-058A-6
11	1841	100.0	352	14	US-10-225-567A-352
12	1841	100.0	352	14	US-10-323-314-1
13	1841	100.0	352	14	US-10-072-301-1
14	1841	100.0	352	14	US-10-071-866-1
15	1841	100.0	352	14	US-10-239-423-67

16	1841	100.0	352	14	US-10-439-845-4	Sequence 4, Appl
17	1841	100.0	352	15	US-10-360-828-1	Sequence 1, Appl
18	1836	99.7	352	14	US-10-439-845-2	Sequence 2, Appl
19	1835	99.7	352	9	US-09-813-653-17	Sequence 17, Appl
20	1835	99.7	352	11	US-09-826-509-477	Sequence 477, App
21	1835	99.7	352	14	US-10-164-649-52	Sequence 52, Appl
22	1833	99.6	352	9	US-09-725-285-2	Sequence 2, Appl
23	1833	99.6	352	9	US-09-779-879A-22	Sequence 22, Appl
24	1833	99.6	352	9	US-09-779-880A-22	Sequence 2, Appl
25	1833	99.6	352	9	US-09-195-662A-2	Sequence 2, Appl
26	1833	99.6	352	9	US-09-339-912A-2	Sequence 2, Appl
27	1833	99.6	352	9	US-09-302-783A-2	Sequence 2, Appl
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30	1833	99.6	352	14	US-10-135-893A-22	Sequence 22, Appl
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33	1826	99.2	352	14	US-10-067-800-2	Sequence 2, Appl
34	1826	99.2	352	14	US-10-135-839-2	Sequence 2, Appl
35	1807	98.2	352	13	US-10-106-623-20	Sequence 20, Appl
36	1641.5	89.2	332	14	US-10-095-876A-20	Sequence 2, Appl
37	1365	74.1	347	9	US-09-104-792-3	Sequence 20, Appl
38	1364	74.1	347	9	US-10-176-078-3	Sequence 3, Appl
39	1364	74.1	360	14	US-10-131-827A-20	Sequence 3, Appl
40	1364	74.1	360	14	US-10-131-827A-20	Sequence 2, Appl
41	1364	74.1	360	14	US-10-131-827A-20	Sequence 2, Appl
42	1364	74.1	360	14	US-10-164-649-50	Sequence 50, Appl
43	1364	74.1	360	14	US-10-239-423-64	Sequence 64, Appl
44	1364	74.1	360	14	US-10-439-845-8	Sequence 8, Appl
45	1358	73.8	360	11	US-09-826-509-473	Sequence 473, App

ALIGNMENTS

RESULT 1	US-09-759-841-2	Application US/09759841
Sequence 2, Appl	US-09-759-841-2	
Patent No. US20010009026A1		
GENERAL INFORMATION:		
APPLICANT: Rickett, Graham A		
APPLICANT: Dobbs, Susan		
APPLICANT: Perros, Manousos		
TITLE OF INVENTION: Assay Method		
FILE REFERENCE: P010348A0ME		
CURRENT FILING DATE: 2001-01-12		
PRIOR FILING DATE: 2000-01-12		
PRIOR APPLICATION NUMBER: GB 0000661.9		
PRIOR FILING DATE: 2000-01-12		
PRIOR APPLICATION NUMBER: GB 0000663.5		
PRIOR FILING DATE: 2000-01-12		
PRIOR APPLICATION NUMBER: GB 0000659.3		
NUMBER OF SEQ ID NOS: 6		
SOFTWARE: Patentin Ver. 2.1		
SEQ ID NO 2		
LENGTH: 352		
TYPE: PRT		
ORGANISM: Homo sapiens		
US-09-759-841-2		
Query Match	100.0%	Score 1841; DB 9; Length 352;
Best Local Similarity	100.0%	Pred. No. 1.3e-140;
Matches 352; Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
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DB	1	MDYQVSSPIYDINVTSEPCCKINVKQIAARLLPLYSLVVFQFGVGMVYLLINCKR 60
QY	61	LKSMITDIYLNLAISDLFFLLTVFPMAYAAQWDPGNTWCQLLTGLYFGFGSIFPII 120
DB	61	LKSMITDIYLNLAISDLFFLLTVFPMAYAAQWDPGNTWCQLLTGLYFGFGSIFPII 120

US-09-939-226b-5.rapb

RESULT 2

US-09-939-226b-5.rapb

Sequence 15, Application US/09813653

Patent No. US20020064770A1

GENERAL INFORMATION:

APPLICANT: Nestor, John

APPLICANT: Wilson, Carol

APPLICANT: See, Raymond

APPLICANT: Tan, Henry, Christina

TITLE OF INVENTION: Binding Compounds and Methods for Identifying Binding Compounds

FILE REFERENCE: CNS-005

CURRENT APPLICATION NUMBER: US/09/813,653

PRIOR FILING DATE: 2001-03-20

PRIOR APPLICATION NUMBER: US 60/190,946

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/190,996

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/191,299

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIn version 3.0

SEQ ID NO 15

LENGTH: 352

TYPE: PRT

ORGANISM: Homo sapiens

US-09-939-226b-5.rapb

Query Match

Best Local Similarity 100.0%; Score 1841; DB 9; Length 352;

Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-939-226b-5.rapb

RESULT 2

US-09-939-226b-5.rapb

Sequence 15, Application US/09813653

Patent No. US20020064770A1

GENERAL INFORMATION:

APPLICANT: Nestor, John

APPLICANT: Wilson, Carol

APPLICANT: See, Raymond

APPLICANT: Tan, Henry, Christina

TITLE OF INVENTION: Binding Compounds and Methods for Identifying Binding Compounds

FILE REFERENCE: CNS-005

CURRENT APPLICATION NUMBER: US/09/813,653

PRIOR FILING DATE: 2001-03-20

PRIOR APPLICATION NUMBER: US 60/190,946

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/190,996

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/191,299

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIn version 3.0

SEQ ID NO 15

LENGTH: 352

TYPE: PRT

ORGANISM: Homo sapiens

US-09-939-226b-5.rapb

Query Match

Best Local Similarity 100.0%; Score 1841; DB 9; Length 352;

Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-939-226b-5.rapb

RESULT 3

US-09-939-226b-5.rapb

Sequence 1, Application US/09796202

Patent No. US2002006813A1

GENERAL INFORMATION:

APPLICANT: Dragic, Tadjana

APPLICANT: Olson, William

TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION

FILE REFERENCE: 2048/61010/JPW/SHS

CURRENT APPLICATION NUMBER: US/09/796,202

CURRENT FILING DATE: 2001-02-28

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1

LENGTH: 352

TYPE: PRT

ORGANISM: human

US-09-939-226b-5.rapb

Query Match

Best Local Similarity 100.0%; Score 1841; DB 9; Length 352;

Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-939-226b-5.rapb

RESULT 4

US-09-939-226b-5.rapb

Sequence 5, Application US/09938719

Patent No. US20020106742A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

APPLICANT: VASANTIER, MARC

APPLICANT: LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938, 719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626, 939
FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-719-5

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQWDFGNMCOQLLTGLYFIFGFSGIFFTI 120
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DB 121 LITIDRYIAVVAHVAFAKARTVGVTSVITWVAAPASLPGLITFRSOKEGHYTCSS 180
QY 181 HFPYSQYQFWNPFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
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QY 241 MIYVFLFMAPIYVILNLTFOEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFMAPIYVILNLTFOEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCISIFOEAPERASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFOEAPERASSVYTRSTGEQISVGL 352

RESULT 5
US-09-939-226-5
Sequence 5, Application US/09939226
Patent No. US20020110805A1
GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939, 226
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626, 939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-226-5

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Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 181 HFPYSQYQFWNPFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
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QY 301 GEKFRNYLVFQKHIAKRFCKCISIFOEAPERASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFOEAPERASSVYTRSTGEQISVGL 352

RESULT 6
US-09-938-703-5
Sequence 5, Application US/09938703
Patent No. US20020110870A1
GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,703
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-703-5

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
DB 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
QY 61 LKSMDDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLTGFIFGSGIFPII 120
DB 61 LKSMDDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLTGFIFGSGIFPII 120
QY 121 LTTIRYLAVVAHPALAKARTVTFGVTSVITWVAVAPASLPGIIFTRSQKGLHYTCSS 180
DB 121 LTTIRYLAVVAHPALAKARTVTFGVTSVITWVAVAPASLPGIIFTRSQKGLHYTCSS 180
QY 181 HEPYSQYQFMKNPQTLKIYILGLVPLVMVICYSGILKTLRCRNEKKRRRAVRLIFTI 240
DB 181 HEPYSQYQFMKNPQTLKIYILGLVPLVMVICYSGILKTLRCRNEKKRRRAVRLIFTI 240
QY 241 MIVYFLFAPNIVYVLLNTFOEFGNLCSSNRDLQAMQVTEITGMTHCCINPIIYAFV 300
DB 241 MIVYFLFAPNIVYVLLNTFOEFGNLCSSNRDLQAMQVTEITGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFPQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQISVGL 352
DB 301 GEKFRNYLLVFPQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQISVGL 352

RESULT 7
US-09-734-221A-14
Sequence 14, Application US/09734221A
Publication No. US20030096221A1
GENERAL INFORMATION:
APPLICANT: LITTMAN, DAN R.
DENG, HONGKUI
EILMEIER, WILFRIED
LANDAU, NATHANIEL R.
LIU, RONG
TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH
MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC
USES THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESS: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/734,221A
FILING DATE: 11-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/666,020
FILING DATE: 19-JUN-1996
APPLICATION NUMBER: US 08/227,319
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1049-1-004 N2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-734-221A-14

Query Match 100.0%; Score 1841; DB 10; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
DB 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
QY 61 LKSMDDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLTGFIFGSGIFPII 120
DB 61 LKSMDDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLTGFIFGSGIFPII 120
QY 121 LTTIRYLAVVAHPALAKARTVTFGVTSVITWVAVAPASLPGIIFTRSQKGLHYTCSS 180
DB 121 LTTIRYLAVVAHPALAKARTVTFGVTSVITWVAVAPASLPGIIFTRSQKGLHYTCSS 180
QY 181 HEPYSQYQFMKNPQTLKIYILGLVPLVMVICYSGILKTLRCRNEKKRRRAVRLIFTI 240
DB 181 HEPYSQYQFMKNPQTLKIYILGLVPLVMVICYSGILKTLRCRNEKKRRRAVRLIFTI 240
QY 241 MIVYFLFAPNIVYVLLNTFOEFGNLCSSNRDLQAMQVTEITGMTHCCINPIIYAFV 300
DB 241 MIVYFLFAPNIVYVLLNTFOEFGNLCSSNRDLQAMQVTEITGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFPQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQISVGL 352
DB 301 GEKFRNYLLVFPQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQISVGL 352

RESULT 8
US-10-106-623-2
Sequence 2, Application US/10106623
Publication No. US20020150888A1
GENERAL INFORMATION:
APPLICANT: Gray, Patrick W.
Rapport, Carol J.
Schweickart, Vicky L.
TITLE OF INVENTION: Chemokine Receptor Materials and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 S. Wacker Drive

```

CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/10/106,623
FILING DATE: 26-Mar-2002
CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/771,276
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. US2002015088Aland, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/33670
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: /= "88c amino acid sequence"

US-10-106-623-2
SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Query Match      100.0%; Score 1841; DB 13; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
DB 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
QY 181 HFPYSQYQFQKNTQTKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFQKNTQTKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
QY 241 MIYVFLFMAPYNYVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
DB 241 MIYVFLFMAPYNYVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEIISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEIISVGL 352

RESULT 9
US-10-086-814-1
; Sequence 1, Application US/10068814
; Publication No. US20030092632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SUPPLIED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 61010-AB-1

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CURRENT APPLICATION NUMBER: US/10/086,814
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patent in version 3.1
SEQ ID NO 1
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-10-086-814-1

Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
DB 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
QY 181 HFPYSQYQFQKNTQTKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFQKNTQTKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
QY 241 MIYVFLFMAPYNYVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
DB 241 MIYVFLFMAPYNYVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEIISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEIISVGL 352

RESULT 10
US-10-290-058A-6
; Sequence 6, Application US/10290058A
; Publication No. US20030104455A1
; GENERAL INFORMATION:
; APPLICANT: Siles-Santiago, Inmaculada
; TITLE OF INVENTION: Methods and Compositions for Treating
; FILE REFERENCE: MP101-289P1KX
; CURRENT APPLICATION NUMBER: US/10/290,058A
; PRIOR FILING DATE: 2002-11-07
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-290-058A-6

Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
DB 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFTGFSGIFPTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180

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Db      121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSGKEGLHYTCSS 180
Qy      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Db      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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RESULT 11
US-10-225-567A-352

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; Sequence 352, Application US/10225567A
; Publication No. US20030113798A1
; GENERAL INFORMATION:
; APPLICANT: LifeSpan Biosciences
; APPLICANT: Brown, Joseph P.
; APPLICANT: Burmer, Glena C.
; APPLICANT: Roush, Christine L.
; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 1920-4-4
; CURRENT APPLICATION NUMBER: US/10/225,567A
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/257,144
; NUMBER OF SEQ ID NOS: 2292
; SOFTWARE: PatentIn version 3.1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-225-567A-352

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Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIASDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYFIFGFSGIFPII 120
Db      61 LKSMTDIYLLNLAIASDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYFIFGFSGIFPII 120
Qy      121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSGKEGLHYTCSS 180
Db      121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSGKEGLHYTCSS 180
Qy      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Db      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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RESULT 12
US-10-323-314-1
; Sequence 1, Application US/10323314
; Publication No. US20030139571A1
; GENERAL INFORMATION:

```

; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SUBPATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010-1/JPW/MAF/DJK
; CURRENT APPLICATION NUMBER: US/10/323,314
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-10-323-314-1

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Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIASDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYFIFGFSGIFPII 120
Db      61 LKSMTDIYLLNLAIASDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYFIFGFSGIFPII 120
Qy      121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSGKEGLHYTCSS 180
Db      121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSGKEGLHYTCSS 180
Qy      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HFPYSQYQFMKNFQTLKIVILGLVPLVNWVICSGILKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Db      241 MIVYFLFWAPYNIYLLNTFQEFPGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVLFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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; APPLICANT: Hua, Shao-bing
; APPLICANT: Pauling, Michelle H.
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST CORECEPTORS FOR HUMAN IMMUNODEF
; FILE REFERENCE: 25636-718
; CURRENT APPLICATION NUMBER: US/10/072,301
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-072-301-1

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Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVIFGFVGNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIASDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYFIFGFSGIFPII 120

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; Publication No. US20030186892A
; GENERAL INFORMATION:
; APPLICANT: FORSMANN, Wolf-Georg; FORSMANN, Ulf; ADERMAN, Knut;
; APPLICANT: HEITMANN, Aleksandra; SPODSBERG, Nikolaj
; TITLE OF INVENTION: Diagnostic Agent and Medicament for Examining the
; TITLE OF INVENTION: Cell Surface Proteome of Tumor and Inflammation Cells and
; TITLE OF INVENTION: for Treating Tumor Diseases and Inflammatory Diseases,
; TITLE OF INVENTION: Preferably with the Aid of Specific Chemokine
; FILE REFERENCE: 022217us
; CURRENT APPLICATION NUMBER: US/10/239,423
; PRIOR APPLICATION NUMBER: DE10016013.1
; PRIORITY FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 67
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Amino Acid Sequence for the Generation of Antibodies
US-10-239-423-67

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RESULT 14
US-10-071-866-1
; Sequence 1, Application US/10071866
; Publication No. US20030165988A1
; GENERAL INFORMATION:
; APPLICANT: Hua, Shao-bing
; APPLICANT: Pauling, Michelle H.
; TITLE OF INVENTION: HIGH THROUGHPUT GENERATION OF HUMAN MONOCLONAL ANTIBODY AGAINST F
; FILE REFERENCE: 25636-717
; CURRENT APPLICATION NUMBER: US/10/071,866
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patent In Version 3.1
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-071-866-1

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Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINVTSEPCQKINVKQIAARLLPPLYSVIFFGVGNMVLILINCKR 60
DB 1 MDYVSSPIYDINVTSEPCQKINVKQIAARLLPPLYSVIFFGVGNMVLILINCKR 60

QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYIFGFSGIFPII 120

QY 121 LLTIDRYLAHVAVFALKARTVTGVTSTVTWVAVAFASLPGIIFTRSQKSGHHTCSS 180
DB 121 LLTIDRYLAHVAVFALKARTVTGVTSTVTWVAVAFASLPGIIFTRSQKSGHHTCSS 180

QY 181 HFPYSQYQFMKNFQTLKIVIGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFMKNFQTLKIVIGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTI 240

QY 241 MIYVFLFMAFAPNYIVLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFMAFAPNYIVLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300

QY 301 GEKFRNYLVFQKHIAKRFCKCISIFQEAPEPRASSVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFQEAPEPRASSVYTRSTGEQEISVGL 352

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RESULT 15
 US-10-239-423-67
 ; Sequence 67, Application US/10239423

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; Publication No. US20030186892A
; GENERAL INFORMATION:
; APPLICANT: FORSMANN, Wolf-Georg; FORSMANN, Ulf; ADERMAN, Knut;
; APPLICANT: HEITMANN, Aleksandra; SPODSBERG, Nikolaj
; TITLE OF INVENTION: Diagnostic Agent and Medicament for Examining the
; TITLE OF INVENTION: Cell Surface Proteome of Tumor and Inflammation Cells and
; TITLE OF INVENTION: for Treating Tumor Diseases and Inflammatory Diseases,
; TITLE OF INVENTION: Preferably with the Aid of Specific Chemokine
; FILE REFERENCE: 022217us
; CURRENT APPLICATION NUMBER: US/10/239,423
; PRIOR APPLICATION NUMBER: DE10016013.1
; PRIORITY FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 67
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Amino Acid Sequence for the Generation of Antibodies
US-10-239-423-67

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Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINVTSEPCQKINVKQIAARLLPPLYSVIFFGVGNMVLILINCKR 60
DB 1 MDYVSSPIYDINVTSEPCQKINVKQIAARLLPPLYSVIFFGVGNMVLILINCKR 60

QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOQLTGLYIFGFSGIFPII 120

QY 121 LLTIDRYLAHVAVFALKARTVTGVTSTVTWVAVAFASLPGIIFTRSQKSGHHTCSS 180
DB 121 LLTIDRYLAHVAVFALKARTVTGVTSTVTWVAVAFASLPGIIFTRSQKSGHHTCSS 180

QY 181 HFPYSQYQFMKNFQTLKIVIGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFMKNFQTLKIVIGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTI 240

QY 241 MIYVFLFMAFAPNYIVLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFMAFAPNYIVLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300

QY 301 GEKFRNYLVFQKHIAKRFCKCISIFQEAPEPRASSVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFQEAPEPRASSVYTRSTGEQEISVGL 352

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Search completed: April 12, 2004, 16:04:15
 Job time : 49 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: April 12, 2004, 14:57:30 / Search time 23 Seconds

(without alignments)
790.102 Million cell updates/sec

Title: US-09-939-226B-5

Perfect score: 1841

Sequence: 1 MDYQVSSPTIDINYTSPPC.....ERASSVTSTGEQISVGL 352

Scoring table: BLOSUM62

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
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4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
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6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1841	100.0	352	3	US-09-087-232A-13
2	1841	100.0	352	3	US-08-861-105-14
3	1841	100.0	352	3	US-08-575-967A-2
4	1841	100.0	352	4	US-08-833-752-5
5	1841	100.0	352	4	US-09-796-202-1
6	1835	99.7	352	4	US-09-045-583-52
7	1835	99.7	352	4	US-09-534-185-52
8	1833	99.6	352	4	US-09-502-783A-2
9	1826	99.2	352	3	US-08-466-343D-2
10	1814	98.5	352	4	US-09-517-605-5
11	1846	84.0	354	4	US-08-724-984A-2
12	1865	74.1	360	4	US-08-131-827A-20
13	1864	74.1	347	1	US-08-461-244-3
14	1864	74.1	360	1	US-08-450-393A-4
15	1864	74.1	360	3	US-08-446-668-4
16	1864	74.1	360	3	US-09-045-583-50
17	1864	74.1	360	4	US-09-534-185-50
18	1864	74.1	360	4	US-09-131-827A-2
19	1864	74.1	360	5	PCR-US95-00476-4
20	1350	73.3	360	4	US-08-833-752-7
21	1345	73.1	360	3	US-09-045-583-51
22	1345	73.1	360	4	US-09-534-185-51
23	1224	66.5	344	3	US-08-466-343D-9
24	1224	66.5	374	1	US-08-450-393A-2
25	1224	66.5	374	3	US-08-446-668-2
26	1224	66.5	374	5	PCR-US95-00476-2
27	1138.5	61.8	329	4	US-09-502-783A-9

28	1055	57.3	355	1	US-08-012-988A-2	Sequence 2, Appl
29	1055	57.3	355	1	US-08-450-393A-5	Sequence 5, Appl
30	1055	57.3	355	3	US-08-446-668-5	Sequence 5, Appl
31	1055	57.3	355	4	US-09-239-938-1	Sequence 1, Appl
32	1055	57.3	355	4	US-09-886-319A-14	Sequence 14, Appl
33	1055	57.3	355	5	PCR-US95-00476-5	Sequence 5, Appl
34	1028	55.8	355	4	US-08-833-752-9	Sequence 9, Appl
35	1009	54.8	355	3	US-09-045-583-53	Sequence 53, Appl
36	1009	54.8	355	4	US-09-534-185-53	Sequence 53, Appl
37	1004.5	54.6	355	4	US-08-866-319A-13	Sequence 13, Appl
38	958	52.0	184	4	US-08-833-752-4	Sequence 4, Appl
39	958	52.0	215	3	US-09-087-232A-17	Sequence 17, Appl
40	958	52.0	215	4	US-08-833-752-6	Sequence 6, Appl
41	942.5	51.2	355	4	US-08-720-565-2	Sequence 2, Appl
42	938.5	51.0	355	3	US-08-575-967A-4	Sequence 4, Appl
43	938.5	51.0	355	3	US-08-847-296B-1	Sequence 1, Appl
44	938.5	51.0	355	3	US-09-045-583-54	Sequence 54, Appl
45	938.5	51.0	355	4	US-09-534-185-54	Sequence 54, Appl

ALIGNMENTS

RESULT 1

US-09-087-232A-13

Sequence 13, Application US/09087232A

Patent No. 6153431

GENERAL INFORMATION:

APPLICANT: Quilient et al.

TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSES: Baker & Botts, L.L.P. actn. Lisa Kole

STREET: 30 Rockefeller Plaza

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10112

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/087,232A

FILING DATE: 28 MAY 1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/048,057

FILING DATE: 30 MAY 1997

ATTORNEY/AGENT INFORMATION:

NAME: KOLE, LISA B.

REGISTRATION NUMBER: 35,225

REFERENCE/DOCKET NUMBER: AP 31115

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 408-2628

TELEFAX: (212) 765-2519

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 352 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-087-232A-13

Query Match 100.0%; Score 1841; DB 3; Length 352;

Best Local Similarity 100.0%; Pred No. 6, 1e-144; Indels 0; Gaps 0;

Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYQVSSPTIDINYTSPPCOKINVAARLPLPLVIFGFGVNNLVILLINCKR 60

Db 1 MDYQVSSPTIDINYTSPPCOKINVAARLPLPLVIFGFGVNNLVILLINCKR 60

QY 61 LKMTDYLNLALISDLFLLTVPFMAHYAAQMDFGNTMCCOLLTGLYFSGIFFTI 120
 DB 61 LKMTDYLNLALISDLFLLTVPFMAHYAAQMDFGNTMCCOLLTGLYFSGIFFTI 120
 QY 121 LTTIDRYLAVVAHVAFAKARTVTFGVVTSVITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
 DB 121 LTTIDRYLAVVAHVAFAKARTVTFGVVTSVITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
 QY 181 HFPYSQYQFWKNGFQTLKIVLGLVPLVWVICYSGLTKTLRCRNEKGRHRAVRLIFTI 240
 DB 181 HFPYSQYQFWKNGFQTLKIVLGLVPLVWVICYSGLTKTLRCRNEKGRHRAVRLIFTI 240
 QY 241 MIVYFLFMAPIYIVLLNTFQEFPGLNCCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
 DB 241 MIVYFLFMAPIYIVLLNTFQEFPGLNCCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
 QY 301 GEKFRNVLVFPQHIKAFCKCCSIFQCAPERASSVYTRSTGEQELISVGL 352
 DB 301 GEKFRNVLVFPQHIKAFCKCCSIFQCAPERASSVYTRSTGEQELISVGL 352

RESULT 2

US-08-861-105-14
 ; Sequence 14, Application US/08861105
 ; Patent No. 6258527

GENERAL INFORMATION:
 APPLICANT: LITTMAN, DAN R.
 APPLICANT: DENG, HONGKUI
 APPLICANT: ELMER, WILFRIED
 APPLICANT: LANDAU, NATHANIEL R.
 APPLICANT: LIU, RONG
 TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH
 TITLE OF INVENTION: MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 STREET: Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/861,105
 FILING DATE:
 CLASSIFICATION: 436
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/666,020
 FILING DATE: 19-JUN-1996
 CLASSIFICATION: 436
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/227,319
 FILING DATE: 13-APR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 1049-1-004 N1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 352 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-861-105-14

Query Match 100.0%; Score 1841; DB 3; Length 352;
 Best Local Similarity 100.0%; Pred. No. 6,1e-144;
 Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIVDINVTSEPOKINVKQIARLPLVLSLVFIFGVSNMVLILNCKR 60
 DB 1 MDVQSSPIVDINVTSEPOKINVKQIARLPLVLSLVFIFGVSNMVLILNCKR 60
 QY 61 LKMTDYLNLALISDLFLLTVPFMAHYAAQMDFGNTMCCOLLTGLYFSGIFFTI 120
 DB 61 LKMTDYLNLALISDLFLLTVPFMAHYAAQMDFGNTMCCOLLTGLYFSGIFFTI 120
 QY 121 LTTIDRYLAVVAHVAFAKARTVTFGVVTSVITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
 DB 121 LTTIDRYLAVVAHVAFAKARTVTFGVVTSVITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
 QY 181 HFPYSQYQFWKNGFQTLKIVLGLVPLVWVICYSGLTKTLRCRNEKGRHRAVRLIFTI 240
 DB 181 HFPYSQYQFWKNGFQTLKIVLGLVPLVWVICYSGLTKTLRCRNEKGRHRAVRLIFTI 240
 QY 241 MIVYFLFMAPIYIVLLNTFQEFPGLNCCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
 DB 241 MIVYFLFMAPIYIVLLNTFQEFPGLNCCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
 QY 301 GEKFRNVLVFPQHIKAFCKCCSIFQCAPERASSVYTRSTGEQELISVGL 352
 DB 301 GEKFRNVLVFPQHIKAFCKCCSIFQCAPERASSVYTRSTGEQELISVGL 352

RESULT 3

US-08-575-967A-2
 ; Sequence 2, Application US/08575967A
 ; Patent No. 6265184

GENERAL INFORMATION:
 APPLICANT: Gray et al.
 TITLE OF INVENTION: Chemokine Receptor Materials and Methods
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 STREET: 6300 Sears Tower, 233 S. Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/575,967A
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 6265184and, Grete E.
 REGISTRATION NUMBER: 35,302
 REFERENCE/DOCKET NUMBER: 32918
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-485-1662
 TELEFAX: 206-485-1662
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 352 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

NAME/KEY: misc feature
OTHER INFORMATION: /= "86c amino acid sequence"
US-08-575-967A-2

Query Match 100.0%; Score 1841; DB 3; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
QY 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
DB 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352

RESULT 4
US-08-833-752-5
Sequence 5, Application US/08833752
Patent No. 6448375

GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
APPLICANT: PARMENTIER, MARC
APPLICANT: VASSART, GILBERT
APPLICANT: LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,752
FILING DATE: 9-APR-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-833-752-5

Query Match 100.0%; Score 1841; DB 4; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
QY 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
DB 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352

RESULT 5
US-09-796-202-1
Sequence 1, Application US/09796202
Patent No. 6548636

GENERAL INFORMATION:
APPLICANT: Dragic, Tatjana
APPLICANT: Olson, William
TITLE OF INVENTION: SUBPATENTED CCR5 PEPTIDES FOR HIV-1 INFECTION
FILE REFERENCE: 2048/61010/JPM/SHS
CURRENT FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patent in version 3.0
SEQ ID NO 1
LENGTH: 352
TYPE: PRT
ORGANISM: human

US-09-796-202-1

Query Match 100.0%; Score 1841; DB 4; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIARLLPPLYSLVIFGFVGNMVLILINCKR 60
QY 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
DB 61 LKSMTDIYLNTLAISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGIFYIGFSGIFFTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVTSVITWVAVAFASIPGIIIFRSQKRGHAYTCSS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNYVLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLVLFQKHIAKRFCKCCSIFQOEAPERASSVYTRSTGEDEISVGL 352

Db 301 GKKFRNYLVLFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEOISVGL 352

RESULT 6

US-09-045-583-52
Sequence 52, Application US/09045583
Patent No. 6287805
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583
FILING DATE: 20-MAR-98
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-045-583-52

Query Match 99.7%; Score 1835; DB 3; Length 352;
Best Local Similarity 99.4%; Pred. No. 1.9e-143;
Matches 350; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MDYOVSSPIYDINNYTSEPCOKINVKOIAARLLPPLSVLTFPGVGMVLVILLINCKR 60
Db 1 MDYOVSSPIYDIDYTTSEPCOKINVKOIAARLLPPLSVLTFPGVGMVLVILLINCKR 60
Qy 61 LKSMTDIYLNLAISDLFFLLTFPMAYAAQMDFGNTMQLTLGLYIFGFSGIFPII 120
Db 61 LKSMTDIYLNLAISDLFFLLTFPMAYAAQMDFGNTMQLTLGLYIFGFSGIFPII 120
Qy 121 LITIDRYLAHVAAALAKARTVTGVTSTVTVVAVASLPGLIFTRSQEGSLHYTSS 180
Db 121 LITIDRYLAHVAAALAKARTVTGVTSTVTVVAVASLPGLIFTRSQEGSLHYTSS 180
Qy 181 HFPYSQYQFMKQFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLFTI 240
Db 181 HFPYSQYQFMKQFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLFTI 240
Qy 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRDLQAMQVETLGMTHCCINPIIYAFV 300
Db 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRDLQAMQVETLGMTHCCINPIIYAFV 300
Qy 301 GKKFRNYLVLFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEOISVGL 352

Db 301 GKKFRNYLVLFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEOISVGL 352

RESULT 7

US-09-534-185-52
Sequence 52, Application US/09534185
Patent No. 6403767
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/045,583
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-09-534-185-52

Query Match 99.7%; Score 1835; DB 4; Length 352;
Best Local Similarity 99.4%; Pred. No. 1.9e-143;
Matches 350; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MDYOVSSPIYDINNYTSEPCOKINVKOIAARLLPPLSVLTFPGVGMVLVILLINCKR 60
Db 1 MDYOVSSPIYDIDYTTSEPCOKINVKOIAARLLPPLSVLTFPGVGMVLVILLINCKR 60
Qy 61 LKSMTDIYLNLAISDLFFLLTFPMAYAAQMDFGNTMQLTLGLYIFGFSGIFPII 120
Db 61 LKSMTDIYLNLAISDLFFLLTFPMAYAAQMDFGNTMQLTLGLYIFGFSGIFPII 120
Qy 121 LITIDRYLAHVAAALAKARTVTGVTSTVTVVAVASLPGLIFTRSQEGSLHYTSS 180
Db 121 LITIDRYLAHVAAALAKARTVTGVTSTVTVVAVASLPGLIFTRSQEGSLHYTSS 180
Qy 181 HFPYSQYQFMKQFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLFTI 240
Db 181 HFPYSQYQFMKQFQTLKIVILGLVPLVWVICYSGILKTLRCRNEKRRHRAVRLFTI 240
Qy 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRDLQAMQVETLGMTHCCINPIIYAFV 300
Db 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRDLQAMQVETLGMTHCCINPIIYAFV 300

QY 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352
Db 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352

RESULT 8
US-09-502-783A-2
Sequence 2, Application US/09502783A
Patent No. 6511826
GENERAL INFORMATION:
APPLICANT: Li, Yi
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CGR5)
FILE REFERENCE: 1488, 1150006
CURRENT APPLICATION NUMBER: US/09/502,783A
CURRENT FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: 08/466,343
PRIOR FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-09-502-783A-2

Query Match 99.6%; Score 1833; DB 4; Length 352;
Best Local Similarity 99.7%; Pred. No. 2,8e-143;
Matches 351; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVLLILNCKR 60
Db 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVLLILNCKR 60
QY 61 LKSMTDIYLLNLAISDFFLLTPFMAHYAAQMDFGNTMQLTLGLYFIFGFGSIFFTI 120
Db 61 LKSMTDIYLLNLAISDFFLLTPFMAHYAAQMDFGNTMQLTLGLYFIFGFGSIFFTI 120
QY 121 LITIRYLAIVAAVAFALAKARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
Db 121 LITIRYLAIVAAVAFALAKARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
QY 181 HEPYSQYQFWMKFTLKIIVLGLVPLLMWVICYSGILKTLRCNKKRRAVRLFTI 240
Db 181 HEPYSQYQFWMKFTLKIIVLGLVPLLMWVICYSGILKTLRCNKKRRAVRLFTI 240
QY 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTEILGTHCCINPIIYAFV 300
Db 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTEILGTHCCINPIIYAFV 300
QY 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352
Db 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352

RESULT 9
US-08-466-343D-2
Sequence 2, Application US/08466343D
Patent No. 6025154
GENERAL INFORMATION:
APPLICANT: Li, Yi
APPLICANT: Polynucleotides Encoding Human G-Protein
TITLE OF INVENTION: CHEMOKINE RECEPTOR HDGR10 (AS AMENDED)
FILE REFERENCE: 9
CURRENT APPLICATION NUMBER: US/09/517,605
CURRENT FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-09-517-605-5

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,343D
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488, 1150000/EXS/KLM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-343D-2

Query Match 99.2%; Score 1826; DB 3; Length 352;
Best Local Similarity 98.9%; Pred. No. 1e-142;
Matches 348; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVLLILNCKR 60
Db 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVLLILNCKR 60
QY 61 LKSMTDIYLLNLAISDFFLLTPFMAHYAAQMDFGNTMQLTLGLYFIFGFGSIFFTI 120
Db 61 LKSMTDIYLLNLAISDFFLLTPFMAHYAAQMDFGNTMQLTLGLYFIFGFGSIFFTI 120
QY 121 LITIRYLAIVAAVAFALAKARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
Db 121 LITIRYLAIVAAVAFALAKARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
QY 181 HEPYSQYQFWMKFTLKIIVLGLVPLLMWVICYSGILKTLRCNKKRRAVRLFTI 240
Db 181 HEPYSQYQFWMKFTLKIIVLGLVPLLMWVICYSGILKTLRCNKKRRAVRLFTI 240
QY 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTEILGTHCCINPIIYAFV 300
Db 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTEILGTHCCINPIIYAFV 300
QY 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352
Db 301 GEFKNYLLVFFQKHAKRFCKCCSIPOEAPERASSVYTRSTGEQISVGL 352

RESULT 10
US-09-517-605-5
Sequence 5, Application US/09517605
Patent No. 6391567
GENERAL INFORMATION:
APPLICANT: Iltman, Dan R.
APPLICANT: Kwon, Douglas S.
APPLICANT: van Kooyk, Yvette
TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO
FILE REFERENCE: 1049-1-017
CURRENT APPLICATION NUMBER: US/09/517,605
CURRENT FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-09-517-605-5

Query Match 98.5%; Score 1814; DB 4; Length 352;
Best Local Similarity 98.3%; Pred. No. 1e-141;
Matches 346; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 MDYQSSPTIYINNTSPPCKINVKQIAARLLPPLYSLVIFGFGVNMVILINCKR 60
DB 1 MDYQSSPTIYIDYDITSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVILINCKR 60
QY 61 LKSMIDYILNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPII 120
DB 61 LKSMIDYILNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPII 120
QY 121 LITDRYLAIVAAVAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCS 180
DB 121 LITDRYLAIVAAVAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIF 240
DB 181 HEPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIF 240
QY 241 MIYVFLFAPYNYVILLNTFOEFFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFAPYNYVILLNTFOEFFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFNRYLLVFPQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352
DB 301 GEKFNRYLLVFPQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

RESULT 11

US-08-724-984A-2
Sequence 2, Application US/08724984A

GENERAL INFORMATION:
PATENT NO. 638055
APPLICANT: Deik Bergsma, Mary Bramer, and Usman Shabon
TITLE OF INVENTION: No. 638055el Mouse Genomic Clone of the CC-
TITLE OF INVENTION: CKRS Receptor
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,984A
FILING DATE: October 3, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
TELEPHONE/DOCKET NUMBER: ATG50023
TELEPHONE: 610 270 5024
TELEFAX: 610 270 5090
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 354
TYPE: Amino Acid
TOPOLOGY: Linear
US-08-724-984A-2

Query Match 84.0%; Score 1546; DB 4; Length 354;

Best Local Similarity 81.4%; Pred. No. 1.1e-119;
Matches 288; Conservative 29; Mismatches 35; Indels 2; Gaps 1;

QY 1 MDYQSSP--IYDINYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVILINCKR 58
DB 1 MDYQSSP--IYDINYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVILINCKR 58
QY 59 KRLKMTDYLNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPII 118
DB 59 KRLKMTDYLNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPII 118
QY 119 LITDRYLAIVAAVAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCS 180
DB 119 LITDRYLAIVAAVAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCS 180
QY 179 SHFPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIF 238
DB 179 SHFPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIF 238
QY 239 TIMIYVFLFAPYNYVILLNTFOEFFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 239 TIMIYVFLFAPYNYVILLNTFOEFFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 299 FVGEKFNRYLLVFPQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352
DB 299 FVGEKFNRYLLVFPQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

RESULT 12

US-09-131-827A-20
Sequence 20, Application US/09131827A

GENERAL INFORMATION:
PATENT NO. 6600030
APPLICANT: Dean, Michael
APPLICANT: O'Brien, Stephen J.
APPLICANT: Smith, Michael
TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
TITLE OF INVENTION: MISSENSE ALLELE OF THE CCR2 GENE
FILE REFERENCE: 14014.0333
CURRENT APPLICATION NUMBER: US/09/131,827A
CURRENT FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/055,659
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 360
TYPE: PRT
ORGANISM: Homo sapiens
US-09-131-827A-20

Query Match 74.1%; Score 1365; DB 4; Length 360;
Best Local Similarity 75.8%; Pred. No. 8.4e-105;
Matches 260; Conservative 31; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVNMVILINCKRILKSMIDYIL 69
DB 24 PDYDY--GAPCHKFDVKQIGAQLLPPLYSLVIFGFGVNMVILINCKRILKSMIDYIL 81
QY 70 LNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPIIILITDRYLA 129
DB 82 LNLAIISDLFFLLTPFWMAHYAAQMDFGNTMQLLTGXYTFGFSGIFPIIILITDRYLA 141
QY 130 VHAAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCSHFPYSQYQF 189
DB 142 IVAAPALAKARTVTEGVTSVITWVAVAPASLPGIIFTRSQEGJHYTCSHFPYSQYQF 197
QY 190 KRNFPQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTIMIYVFLFMA 249
DB 198 KRNFPQTLKIVILGVLPLVWVICYSGILKTLRCRNEKRRHRAVRLIFTIMIYVFLFMA 257
QY 250 PNYIVILLNTFOEFFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFVGEKFNRYLL 309

Db 258 PNYIVLLNTEFOEFPGSLNCESTSGQLDQATQVETLGMTHCCINPIIYAFVGEKFRRLYS 317
 QY 310 VFFQKHIAKRFCKCCSIFQOEAPERASSVYTRSGEIEISVGL 352
 Db 318 VFFRKHITKRFCKQCPVFYREIVDGVSTNTPTSGEIEVSAGL 360

RESULT 13
 US-08-461-244-3
 Sequence 3, Application US/08461244
 Patent No. 576729

GENERAL INFORMATION:
 APPLICANT: Soppet, Daniel R.
 APPLICANT: Yi, Li
 APPLICANT: Ruben, Steven M.
 APPLICANT: Rosen, Craig A.
 TITLE OF INVENTION: HUMAN G-PROTEIN RECEPTOR HGBR32
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,
 ADDRESSEE: STUART & OLSTEIN
 STREET: 6 Becker Farm Road
 CITY: Roseland
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/461,244
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Ferraro, Gregory D.
 REGISTRATION NUMBER: 36,134
 REFERENCE/DOCKET NUMBER: 325800-445
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 347 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-461-244-3

Query Match 74.1%; Score 1364; DB 1; Length 347;
 Best Local Similarity 75.5%; Pred. No. 9.7e-105;
 Matches 259; Conservative 32; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINYVTSEPCQKINVKQIARLLPPLYSVIFGFVGMNLVILLINCKRLKSMTDIYL 69
 Db 11 FDVDY--GAPCHKFDVXQIGQQLPPLYSVIFGFVGMNLVILLINCKRLKCLTDIYL 68
 QY 70 LNLASIDLPFLITVPFAHYAAQMDPGNTMQLTGLYIFGFSGIFIIITLTDIYLA 129
 Db 69 LNLASIDLPFLITLPLMAHSHANEMVFGNMCKLFTGLYHIGFGSIFIIITLTDIYLA 128
 QY 130 VVAHAFALKATVTEGVTSTVITWVAVAFSLPGIIFTRSQKEGIAHYTCSSHPYSQYOF 189
 Db 129 IVAHAFALKATVTEGVTSTVITWVAVAFSLPGIIFTRSQKEDSVYVCGPYFP----RG 184
 QY 190 WKNFQTLKIVLIGVLPPLVWVICYSGIILKTLRCRNEKKRRHRAVLIIFTIMIVYFLFWA 249
 Db 185 WNNFHTIMRNILIGVLPPLINVICYSGIILKTLRCRNEKKRRHRAVLIIFTIMIVYFLFWT 244
 QY 250 PNYIVLLNTEFOEFPGSLNCESSNRLDQAMQVETLGMTHCCINPIIYAFVGEKFRRLYS 309

Db 245 PNYIVLLNTEFOEFPGSLNCESTSGQLDQATQVETLGMTHCCINPIIYAFVGEKFRRLYS 304
 QY 310 VFFQKHIAKRFCKCCSIFQOEAPERASSVYTRSGEIEISVGL 352
 Db 305 VFFRKHITKRFCKQCPVFYREIVDGVSTNTPTSGEIEVSAGL 347

RESULT 14
 US-08-450-393A-4
 Sequence 4, Application US/08450393A
 Patent No. 5707815

GENERAL INFORMATION:
 APPLICANT: Charo, Israel
 APPLICANT: Coughlin, Shaun
 TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
 TITLE OF INVENTION: PROTEIN RECEPTORS
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooley Godward Castro Huddleston & Tatum
 STREET: 5 Palo Alto Square
 CITY: Palo Alto
 STATE: California
 COUNTRY: USA
 ZIP: 94306-2155
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/450,393A
 FILING DATE: May 25, 1995
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Caser, Luann
 REGISTRATION NUMBER: 31,822
 REFERENCE/DOCKET NUMBER: UCAL-237/02US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-843-5165
 TELEFAX: 415-8857-0663
 TELEFAX: 380816CooleyPA
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 360 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-450-393A-4

Query Match 74.1%; Score 1364; DB 1; Length 360;
 Best Local Similarity 75.5%; Pred. No. 1e-104;
 Matches 259; Conservative 32; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINYVTSEPCQKINVKQIARLLPPLYSVIFGFVGMNLVILLINCKRLKSMTDIYL 69
 Db 24 FDVDY--GAPCHKFDVXQIGQQLPPLYSVIFGFVGMNLVILLINCKRLKCLTDIYL 81
 QY 70 LNLASIDLPFLITVPFAHYAAQMDPGNTMQLTGLYIFGFSGIFIIITLTDIYLA 129
 Db 82 LNLASIDLPFLITLPLMAHSHANEMVFGNMCKLFTGLYHIGFGSIFIIITLTDIYLA 141
 QY 130 VVAHAFALKATVTEGVTSTVITWVAVAFSLPGIIFTRSQKEGIAHYTCSSHPYSQYOF 189
 Db 142 IVAHAFALKATVTEGVTSTVITWVAVAFSLPGIIFTRSQKEDSVYVCGPYFP----RG 197
 QY 190 WKNFQTLKIVLIGVLPPLVWVICYSGIILKTLRCRNEKKRRHRAVLIIFTIMIVYFLFWA 249
 Db 198 WNNFHTIMRNILIGVLPPLINVICYSGIILKTLRCRNEKKRRHRAVLIIFTIMIVYFLFWT 257
 QY 250 PNYIVLLNTEFOEFPGSLNCESSNRLDQAMQVETLGMTHCCINPIIYAFVGEKFRRLYS 309
 Db 258 PNYIVLLNTEFOEFPGSLNCESTSGQLDQATQVETLGMTHCCINPIIYAFVGEKFRRLYS 317

QY 310 VEFQKHIAKRCCKCSIFQGEAPERASSVYTRSTGEQEISVGL 352
DB 318 VFRKHITKRFCKQCPVFRSTVDVSTNTPTSTGEQEVSAAGL 360

RESULT 15

US-08-446-669-4
Sequence 4, Application US/08446669
Patent No. 6132987

GENERAL INFORMATION:

APPLICANT: Chato, Israel
APPLICANT: Coughlin, Shaun
TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
TITLE OF INVENTION: PROTEIN RECEPTORS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESS: Coolley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,669
FILING DATE: May 25, 1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Neeley, Richard
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCAL-237/01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
TELEX: 380816COCOLYPA

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-446-669-4

Query Match 74.1%; Score 1364; DB 3; Length 360;
Best Local Similarity 75.5%; Pred. No. 1e-104;
Matches 259; Conservative 32; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINVTSEPOCKINVKRIARLPLSLVFIFGVGNMVLILLNCKRLKMTDIYL 69
DB 24 FDYD--GAPCHKEVDKQIGQLPPLYSLVIFGVGNMLVLLINCKRLKLTIDYL 81
QY 70 LNLAIISDLFFLLTVFPMAYAAQMDPFGNTMCOILTGYPFIQFSGIFFIILLTIDRYLA 129
DB 82 LNLAIISDLFFLLTVFPMAYAAQMDPFGNTMCOILTGYPFIQFSGIFFIILLTIDRYLA 141
QY 130 VYHAFALKARVTGVTSTVITWVAVFASLPGIIFTRSGEGHHTCSHFPYSQYF 189
DB 142 IVHAFALKARVTGVTSTVITWVAVFASVPGIIFTRSGEGHHTCSHFPYSQYF 197
QY 190 WKNFQTLKIVILGLVPLVAVVICYSGLIKTLRLCRNEKGRRAVRLIFTIMIVPLPWA 249
DB 198 WKNFQTLKIVILGLVPLVAVVICYSGLIKTLRLCRNEKGRRAVRLIFTIMIVPLPWA 257
QY 250 PNYITVLLNTFQEFGLNKCSSNRLDQAMQVTEFLGTHCCINPIIYAFGEKFRYLL 309
DB 258 PNYITVLLNTFQEFGLNKCSTSLDQATQVTEFLGTHCCINPIIYAFGEKFRYLLS 317
QY 310 VEFQKHIAKRCCKCSIFQGEAPERASSVYTRSTGEQEISVGL 352

DB 318 VFRKHITKRFCKQCPVFRSTVDVSTNTPTSTGEQEVSAAGL 360

Search completed: April 12, 2004, 15:54:53
Job time: 25 secs